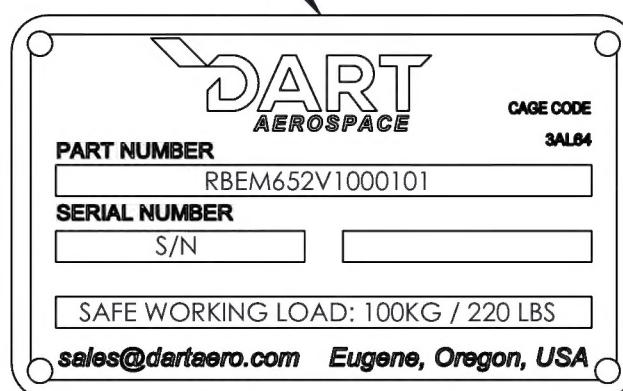
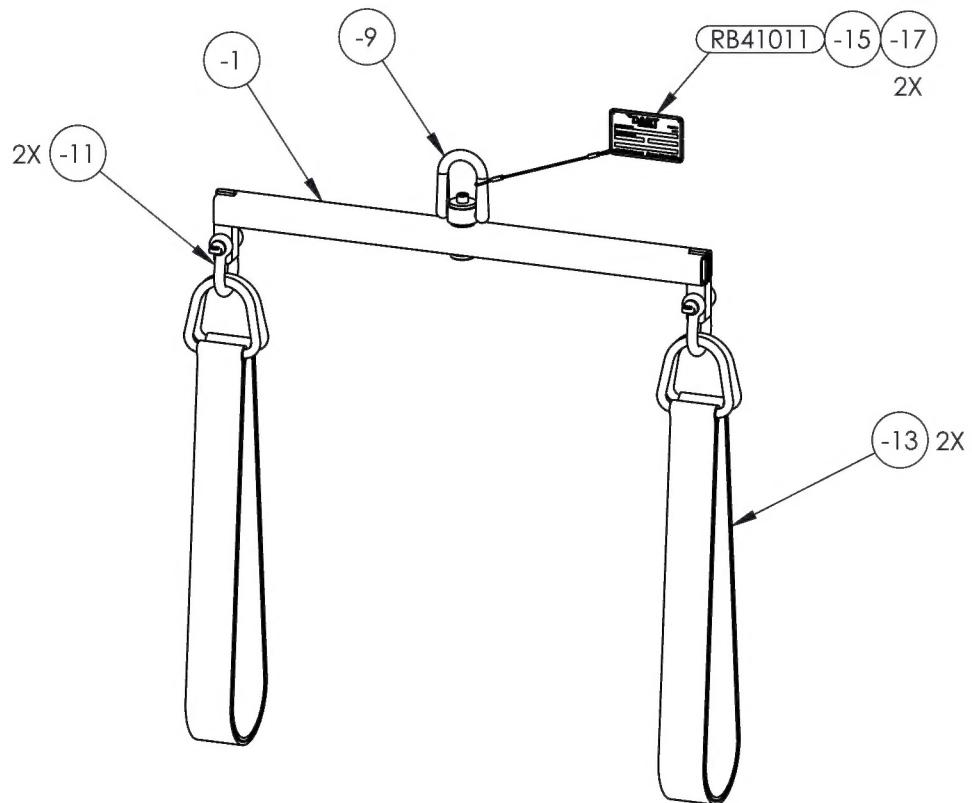


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REVISIONS							
REV	ECR	DESCRIPTION			DATE	INITIAL	APPROVED
1		RELEASED FOR PRODUCTION.			8/3/2016	SM	JAG
2	17-0009	-1 CH'D WELD CALL OUT WAS Δ ALL AROUND IS \vee GROOVE ALL AROUND GRIND FLUSH. -5 CH'D DIM WA 1.57 IS 1.46. CH'D MATERIAL WAS 4140/4142 Q&T IS 4140/4142, ADDED HEAT TREAT RC 28-34. CH'D ENGRAVE NOTE FOR RB41011 MAX WORKING LOAD WAS 100 KG IS SAFE WORKING LOAD 100KG / 220 LBS.			1/18/2017	RJC	JAG



NOTES:

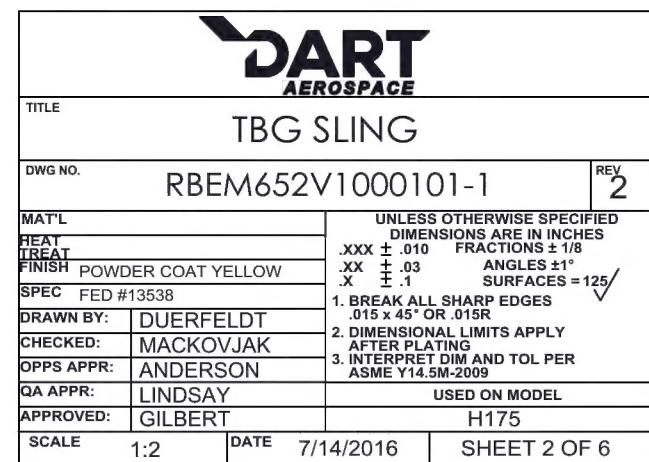
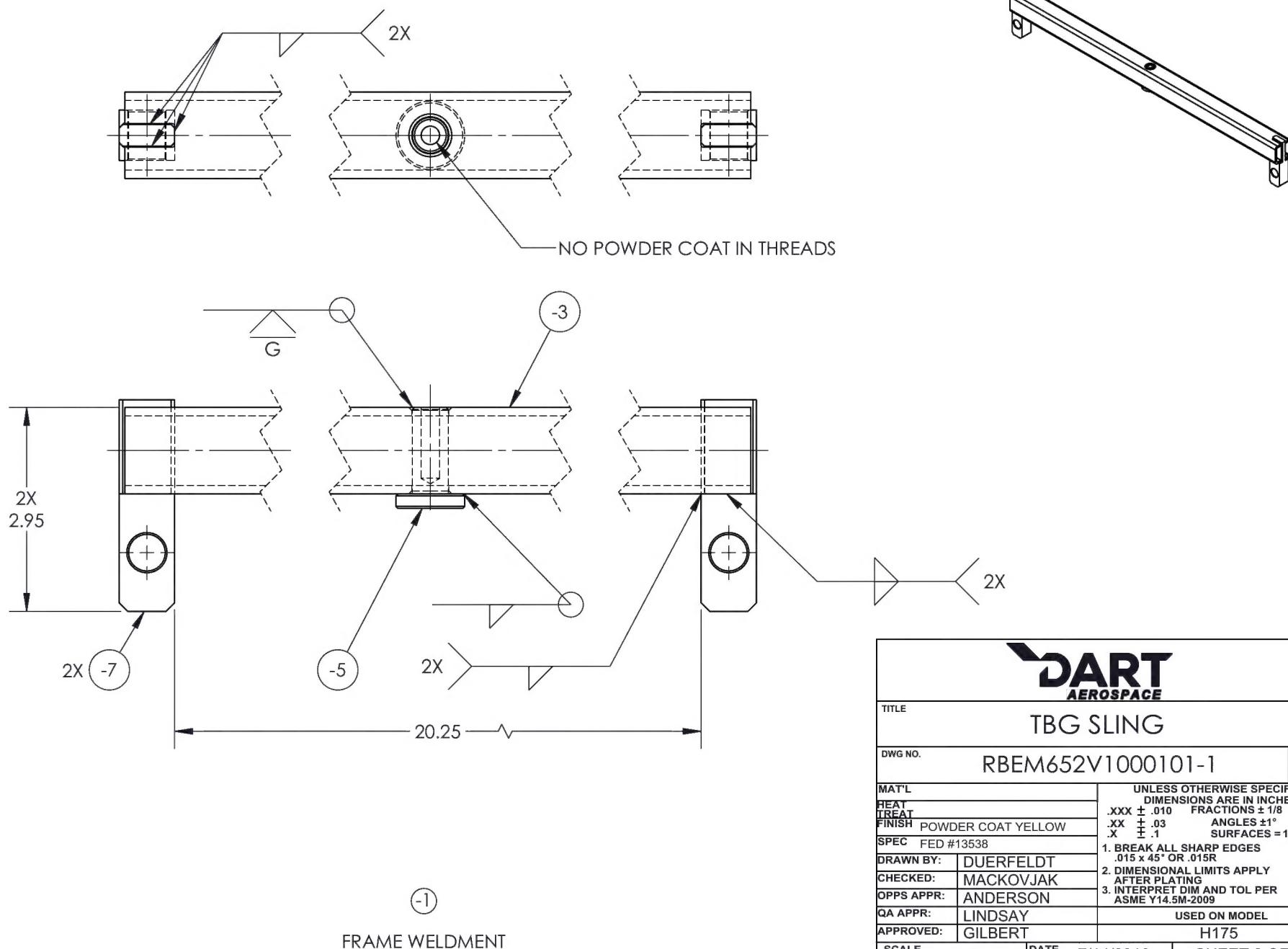
1. REF. AIRBUS T/N: M652V1000101.
2. ENGRAVE RB41011 AS SHOWN.

ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS	PG.
	X		-1	1	FRAME WELDMENT			2
1		-3			MAIN TUBE	STEEL TUBE		3
1		-5			ANCHOR BOSS	4140/4142		4
2		-7			ANCHOR PLATE	1018/1020 CR		5
B/O	-9	1			SWIVEL HOIST RING	STEEL	M8 X 1.25mm X 21mm, 103mm OAL (MCMASTER-CARR #3005T115)	1
B/O	-11	2			SHACKLE	STEEL	Ø7/16, 3,300 LBS CAP. (MCMASTER-CARR #3558T48)	1
B/O	-13	2			BASKET SLING		2 PLY, 2 IN X 36 IN, 12,800 LB CAPACITY (MSC # 85810844)	1
B/O	-15	1			LANYARD	COATED STEEL	Ø1/16 X 6 (CARR LANE #CL-2-C)	1
B/O	-17	2			FERRULE	ALUMINUM	Ø1/16 X 3/8 (MCMASTER-CARR #3896T31)	1
	B/O		1		DART PLACARD	ALUMINUM	RB41011	1
	ASSY -1							

TITLE		TBG SLING		REV				
DWG NO.		RBEM652V1000101						
MAT'L	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES							
HEAT TREAT	.XXX \pm .005 FRACTIONS \pm 1/8							
FINISH	.XX \pm .01 ANGLES \pm 5°							
SPEC	X \pm .1 SURFACES = 125							
DRAWN BY:	DUERFELDT							
CHECKED:	MACKOVJAK							
OPPS APPR:	ANDERSON							
QA APPR:	LINDSAY							
APPROVED:	GILBERT							
SCALE	1:8	DATE	7/14/2016	SHEET 1 OF 6				

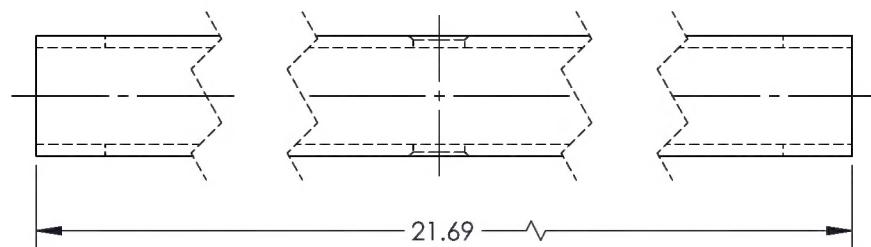
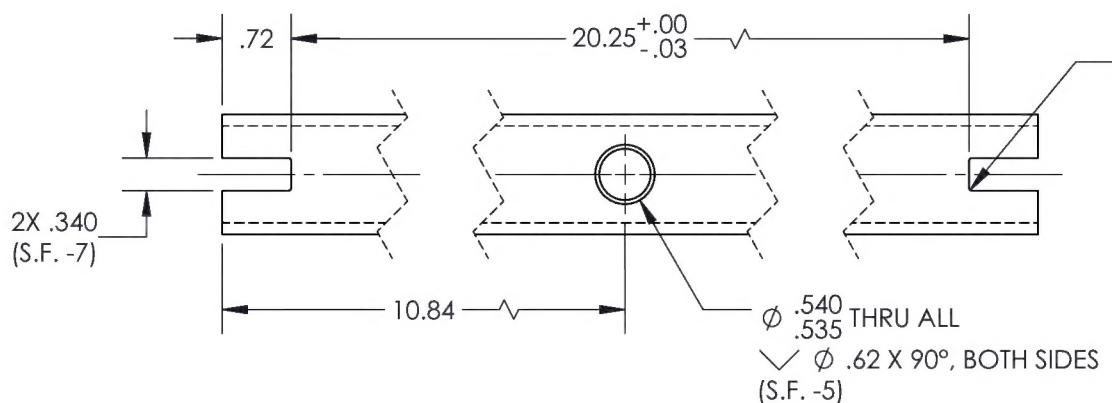
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REVISIONS						
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED	
2	17-0009	-1 CH'D WELD CALL OUT WAS □ ALL AROUND IS √ GROOVE ALL AROUND GRIND FLUSH.	1/18/2017	RJC	JAG	



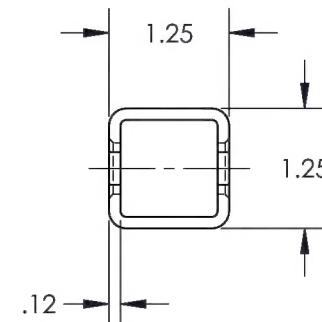
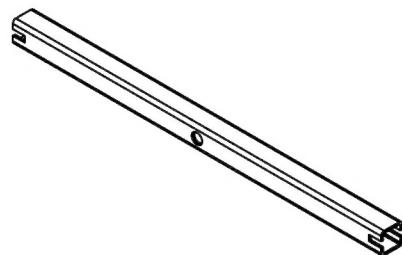
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REV		ECR		DESCRIPTION		DATE	INITIAL	APPROVED
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(-3)

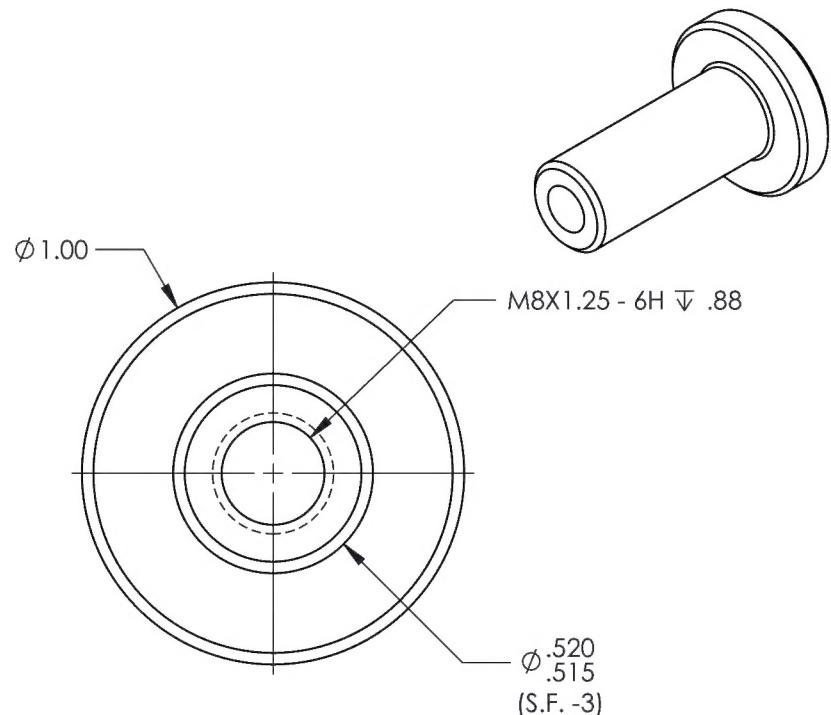
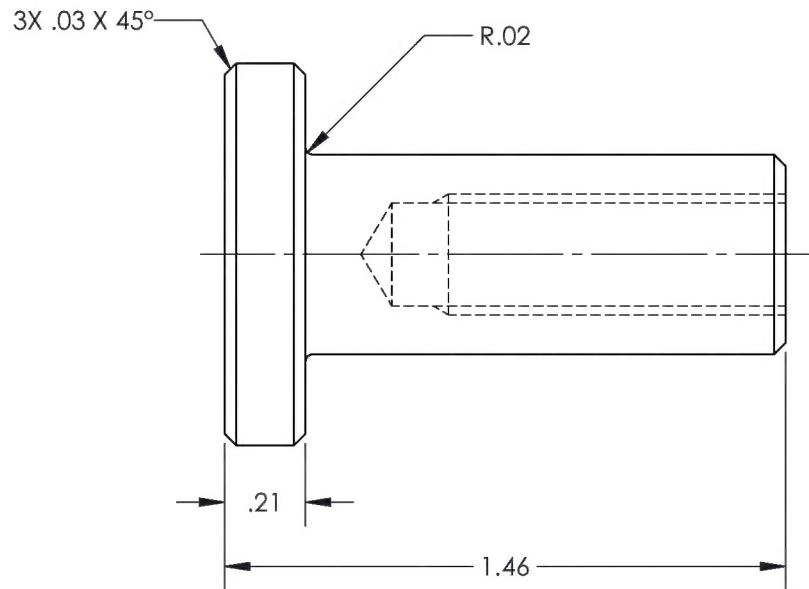
MAIN TUBE



DART AEROSPACE	
TITLE	
TBG SLING	
DWG NO. RBEM652V1000101-3	
REV 2	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
.XXX ± .010 FRACTIONS ± 1/8	
.XX ± .03 ANGLES ± 1°	
.X ± .1 SURFACES = 125	
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
DRAWN BY: DUERFELDT	
CHECKED: MACKOVJAK	
OPPS APPR: ANDERSON	
QA APPR: LINDSAY	
APPROVED: GILBERT	
USED ON MODEL	H175
SCALE 1:2	DATE 7/14/2016
SHEET 3 OF 6	

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REVISIONS							
REV	ECR	DESCRIPTION			DATE	INITIAL	APPROVED
2	17-0009	-5 CH'D DIM WA 1.57 IS 1.46, CH'D MATERIAL WAS 4140/4142 Q&T IS 4140/4142, ADDED HEAT TREAT RC 28-34.			1/18/2017	RJC	JAG

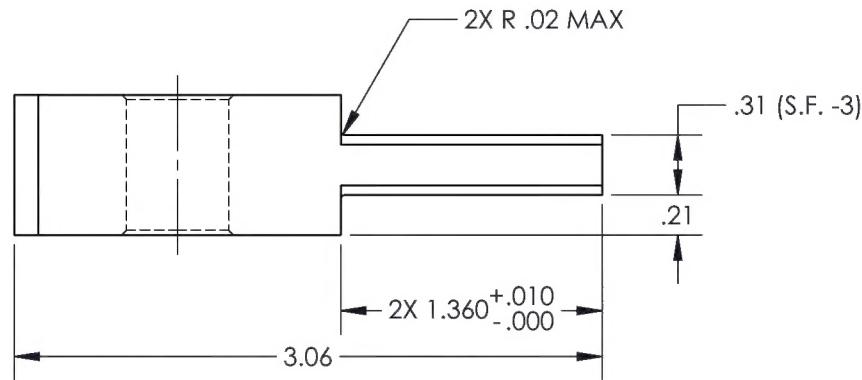
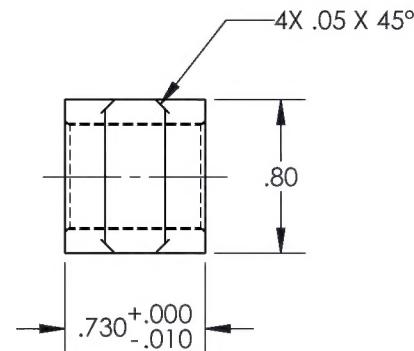
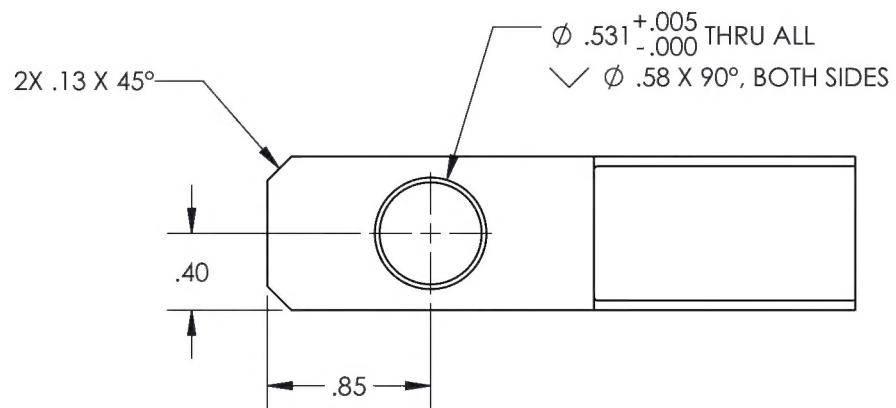


(-5)
ANCHOR BOSS

DART AEROSPACE	
TITLE	
TBG SLING	
DWG NO. RBEM652V1000101-5	
REV 2	
MATERIAL 4140/4142 UNLESS OTHERWISE SPECIFIED	
HEAT TREAT RC 28-34 DIMENSIONS ARE IN INCHES	
FINISH SEE -1 .XXX ± .005 FRACTIONS ± 1/8	
SPEC .XX ± .01 ANGLES ± 5°	
DRAWN BY: DUERFELDT .X ± .1 SURFACES = 125 ✓	
CHECKED: MACKOVJAK	
OPPS APPR: ANDERSON	
QA APPR: LINDSAY	
APPROVED: GILBERT	
SCALE 2:1	DATE 7/14/2016
SHEET 4 OF 6	

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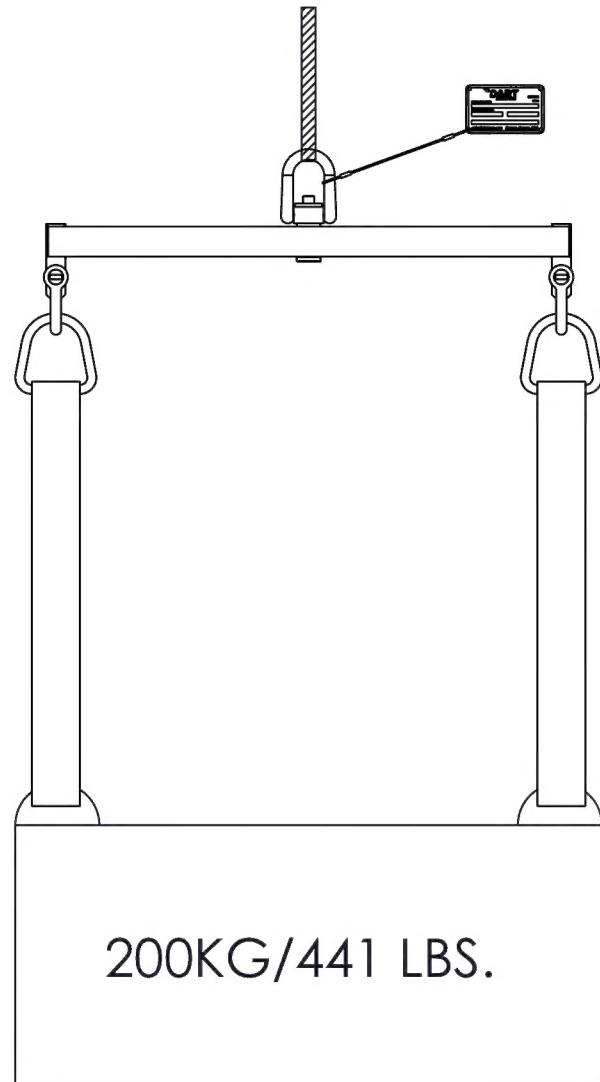
REV	ECR	REVISIONS	DESCRIPTION	DATE	INITIAL	APPROVED
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(7)

ANCHOR PLATE

DART AEROSPACE	
TITLE	TBG SLING
DWG NO.	RBEM652V1000101-7
REV	2
MAT'L	1018/1020 CR
HEAT	UNLESS OTHERWISE SPECIFIED
TREAT	DIMENSIONS ARE IN INCHES
FINISH SEE -1	.XXX ± .005 FRACTIONS ± 1/8
SPEC	.XX ± .01 ANGLES ± 5°
DRAWN BY:	.X ± .1 SURFACES = 125
CHECKED:	1. BREAK ALL SHARP EDGES
OPPS APPR:	.015 x 45° OR .015R
QA APPR:	2. DIMENSIONAL LIMITS APPLY
APPROVED:	AFTER PLATING
	3. INTERPRET DIM AND TOL PER
	ASME Y14.5M-2009
	USED ON MODEL
SCALE	H175
DATE	7/14/2016
SHEET 5 OF 6	



INSPECTION & TESTING PROCEDURE FOR RBEM652V1000101

- INSPECT THIS ASSEMBLY PRIOR TO EACH USE.
- REPLACE ANY ITEMS THAT ARE DAMAGED OR SUSPECTED TO BE DAMAGED BEFORE USE!

FIRST ARTICLE WEIGHT TEST:

1. AFTER INSPECTION ATTACH SLING ASSEMBLY TO AN OVERHEAD LIFTING DEVICE.
2. ATTACH SLING TO AN APPROPRIATE TEST WEIGHT OF 200KG/441 LBS. BALANCE LOAD DISTRIBUTION BETWEEN BOTH STRAPS.
3. LIFT WEIGHT FOR AT LEAST 5 MINUTES, CONTINUALLY CHECKING FOR CRACKS, DEFLECTION, OR DISTORTION.
4. REMOVE WEIGHT AND RE-INSPECT SLING, CHECKING FOR STRESS CRACKS, BENDING, OR DISTORTIONS.

INSPECTOR: _____

TESTER: _____

S.N.: _____

DATE: _____

DART
AEROSPACE

190 S. Danebo Ave., Eugene, OR. 97402
1-800-556-4166

e-mail: sales@dartaero.com
dartaerospace.com

TITLE	TBG SLING		
DWG NO.	RBEM652V1000101	REV	WEIGHT TEST 1 OF 1
SCALE	1:8	DATE	7/14/2016